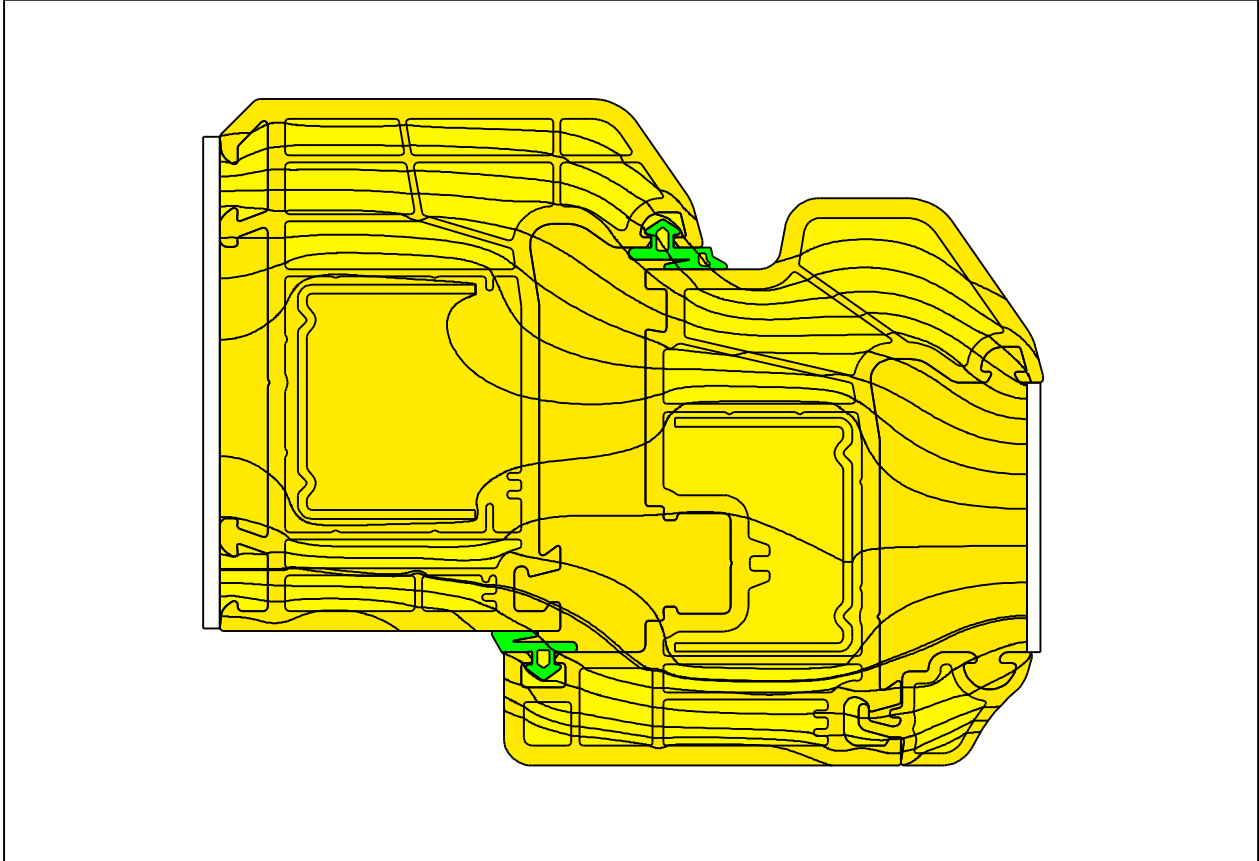


Project name: **isotherms**
View: Report
Transmittance (U): **1.598 W/m²K**
2D conductance (Lf2D): **0.185 W/mK**
Frame width (Bf): 116.00 mm

Internal temperature: **20.00 °C**
External temperature: **0.00 °C**
Internal humidity: **40.00 %**

Computation of thermal transmittance U according to EN ISO 10077-2:2007



Node details

Primitives used for finite element simulation: 189347
Frame width (Bf): 116.00 mm

External boundary conditions

Temperature: 0.00 °C
Surface resistance: 0.040 m²K/W

Internal boundary conditions

Temperature: 20.00 °C
Surface resistance: 0.130 m²K/W
Reduced radiation/convection surface resistance: 0.200 m²K/W

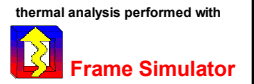
Results according to EN ISO 10077-2:2007

Internal/external environments temperature difference: 20.00 °C
2D conductance (Lf2D): 0.185 W/mK

***Transmittance (U):* 1.598 W/m²K**

Project name: **isotherms**
View: Report
Transmittance (U): **1.598 W/m²K**
2D conductance (Lf2D): **0.185 W/mK**
Frame width (Bf): 116.00 mm

Internal temperature: **20.00 °C**
External temperature: **0.00 °C**
Internal humidity: **40.00 %**



- Steel (50.000 W/mK)
- PVC rigid (0.170 W/mK)
- EPDM (0.250 W/mK)
- Adiabatic
- Insulation panel
- Cavity
- Ventilated cavity

